ABSTRACT OF THE DISCLOSURE

METHOD FOR DETECTION OF A SHIELDING FAULT IN A MULTIWIRE CABLE

This invention relates to a method for detection of a shielding fault in a multiwire cable forming part of a communication network, during functional operation of the said network, the said cable (10) transferring a multiframe signal S(t), which comprises the following steps:

- a disturbing signal I(t) is injected into the said cable through an injection clamp (14) for a determined time T,
- when an item of equipment (12) receives the signal S(t), the number N of frames in fault during the injection period of the disturbing signal I(t) is counted,
- it is decided that there is a shielding fault in this cable if $N/T \leq TEP_{max}$, where TEP_{max} is the maximum packet error rate to be guaranteed.

Figure 1.